

IVENT ICU 3000P



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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- Pneumatically Driven Ventilator
- Driven from pipeline/cylinder/ Air compressor
- Mains and battery operated
- Bar graph displays dynamic airways pressure showing upper and lower pressure limits.
- Settable parameters - BPM, I:E ratio pressure limits and inspiratory flow rates
- 21% - 100% FiO2 settings
- Built-in audio-visual alarms
- Medical Air Compressor as standard supply



►► Visual Indicators & Settings

- Inverse Ratios - The ventilator has the ability to adjust substantially when clinical condition require inverse I:E
- Inspiratory flow cut off - The inspiratory phase changes to expiratory in case the dynamic pressure reaches the high-pressure limit. High-pressure Audio-visual alarm will also be activated
- Apnea alarm/low airway pressure alarm - If the dynamic pressure fails to go above the low -pressure limit with in 15sec, then the low airways audio visual pressure alarm will be activated.
- Works on A-CMV - With the preset (-) 5cmH₂O of trigger level the ventilator has the ability to synchronize with the patient with the patient breath
- O₂ Blender - Built in oxygen and Air blender that gives 21% to 100% setting of FiO₂

►► Standard Accessories:

- Single limb circuit with expiratory valve and proximal tubing
- Air Pressure with high pressure tubing
- high pressure O₂ tubing
- Power Cord - 2 Nos
- Facemask

►► TECHNICAL SPECIFICATION:

Tidal Volume	50ml- 1500ml
Display	3.2" Mono chromatic
Modes	A-CMV
Frequency	1-100BPM
FiO2	21-100%
I:E Ratio	4:1-1:10
Inspiratory gas flow control	0.1-1.0 L/sec
Built-in pressure relief valve	70cmH ₂ O
Patient Trigger	(-)5cmH ₂ O (Fixed)
Supply pressure	280-700 kPa (45-100 psi)
Graphical pressure indication (Bar graph)	(-) 10-80cmH ₂ O
Power supply	220V-240V AC 50Hz
Internal battery backups	4 hrs

►► AUDIO VISUAL ALARMS:

Low Airways Pressure (Apnea)	3-25cmH ₂ O (Adjustable)
High Airway Pressure	15-80cmH ₂ O (Adjustable)
Low Supply Gas Pressure	<250 Kpa
Alarm Mute	120 Sec except for Low supply Gas pressure
Note: oknce alarm conditions is rectified audio alarm will stop and visual alarm will continue till reset button is pressed	

►► PHYSICAL SPECIFICATIONS:

Jupiter Ventilator	410mm*390mm*575mm
Ventilator Weight	9 Kg
Air Compressor	610mm*550mm*760mm
Air Compressor Weight	51 Kg

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

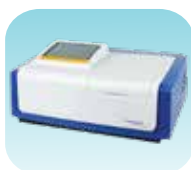
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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